

Name: _____ Date: _____ Period: _____

Lowest Common Denominator Addition and Subtraction of Fractions with Unlike Denominators

Does one have factors of the other?

<p>Venn Diagram</p> <p>LCM = (3)(5)(11) = 165</p>	$\frac{1}{15} + \frac{1}{55}$ $\frac{11}{11} \cdot \frac{1}{15} + \frac{1}{55} \cdot \frac{3}{3}$ $\frac{11}{165} + \frac{3}{165}$ $\frac{11+3}{165} = \frac{14}{165}$ <p>5 is a factor of 15 and 55.</p> <p>Use a calculator to check your results.</p>
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Draw the Venn Diagram, Find the LCM and Simplify the Fraction (Addition or Subtraction)

	<p>1 $\frac{3}{27} - \frac{1}{84}$ Is () a factor of () & ()</p>

	<p>2 $\frac{3}{25} + \frac{1}{15}$ Is () a factor of () & ()</p>

	3	$\frac{1}{12} - \frac{1}{32}$ Is () a factor of () & ()

	4	$\frac{7}{30} - \frac{3}{42}$ Is () a factor of () & ()

	5	$\frac{3}{15} - \frac{1}{21}$ Is () a factor of () & ()